

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 07 Jul 2023 until 23:59 on Saturday 08 Jul 2023

Forecast Issued on Friday 07 Jul 2023 at 04:21

Confidence: High for weather turning warmer and drier on Friday. Lower confidence for details and timing of rain arriving from the west into Saturday.

Headline for Friday 07 Jul 2023: Another breezy day, staying fine and generally dry with plenty of warm sunshine after early cloud clears.

Mountain weather hazards on Friday 07 Jul 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Sunny intervals	Sunny	Sunny	Clear night
Precipitation probability					
10%	10%	<05%	<05%	<05%	<05%

Forecast for Friday 07 Jul 2023

Weather: Largely cloud to start, with the risk of odd spot of rain, however cloud increasingly clearing afternoon to leave a dry and bright day with plenty of prolonged sunshine. It will feel warmer than of late, though still breezy, with winds remain strong across the tops.

Chance of cloud-free hill tops above 600m: 60% increasing to >90%.

Low Cloud and visibility: Patchy cloud locally down to around 500m during the early hours, lifting and breaking through the morning to leave most summits clear by midday. Clear skies will develop by the evening, with remaining cloud dissipating through the afternoon. Very poor visibility in any hill fog at first, improving as the cloud lifts and becoming very good by the afternoon.

Forecast for Friday 07 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 S	20/25 S	16/23 S	15/21 S	14/20 SE	13/22 SE	17/28 SE
300	12/26 S	12/22 S	12/21 S	11/21 S	8/17 S	8/23 E	9/25 SE
Valley	12/27 S	12/23 S	9/19 S	6/12 SW	7/15 S	7/20 E	10/25 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	13/10	16/13	19/16	20/16	18/15	16/13
300	14/12	17/15	20/17	23/20	22/21	18/16	17/15
Valley	16/14	19/16	21/19	23/22	24/23	19/18	19/17
Freezing Level*	3000m	3000m	2900m	3000m	2900m	2800m	2800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Strong sunshine, high UV levels and some warm afternoon temperatures expected when the cloud eventually clears. Sun protection and sufficient water recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 07 Jul 2023	0.2mm	1.4mm	2.6mm

Forecast for Saturday 08 Jul 2023

Weather: Cloud will thicken overnight before outbreaks of locally heavy rain will move north-eastwards into Saturday. Some persistent downpours likely for a time during the morning and into the afternoon, with hail, thunder and gusty conditions possible. Rain increasingly clearing into the evening with the risk of a heavy showers reducing to leave a generally dry end to the day. Winds strengthening through the morning, though easing again by late afternoon.

Maximum wind: South-easterly, 25-30mph gusting 35-40mph.

Chance of cloud-free hill tops above 600m: 80%, decreasing to 30% for much of the middle of the day.

Low Cloud and visibility: Cloud may lower to around 500-600m in association with heavy rain, but will otherwise be above the summits. Good visibility, becoming poor in rain.

Temperature: **Valleys:** Plus 16 C becoming Plus 22 C.
At 600m: Plus 15 C becoming Plus 18 C.
Freezing level: Above the summits.